



US00557251A

**United States Patent** [19][11] **Patent Number:** **5,572,576****Klausner et al.**[45] **Date of Patent:** **\* Nov. 5, 1996**

[54] **TELEPHONE ANSWERING DEVICE  
LINKING DISPLAYED DATA WITH  
RECORDED AUDIO MESSAGE**

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**Robert Hotto**, La Jolla, Calif.

[73] Assignee: **Klausner Patent Technologies**,  
Sagaponack, N.Y.

[\*] Notice: The portion of the term of this patent  
subsequent to Feb. 1, 2011, has been  
disclaimed.

[21] Appl. No.: **188,200**

[22] Filed: **Mar. 15, 1994**

**Related U.S. Application Data**

[63] Continuation of Ser. No. 881,949, May 12, 1992, Pat. No.  
5,390,236, which is a continuation-in-part of Ser. No. 860,  
699, Mar. 31, 1992, Pat. No. 5,283,818

[51] Int. Cl.<sup>6</sup> **H04M 1/64; H04M 11/00**

[52] U.S. Cl. **379/67; 379/76; 379/77;  
379/96; 379/97; 379/104; 379/58; 379/354;  
379/357**

[58] Field of Search **379/67, 88, 89,  
379/58, 96, 142, 199, 97, 70, 74, 77**

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Primary Examiner—Jeffery Hofsass

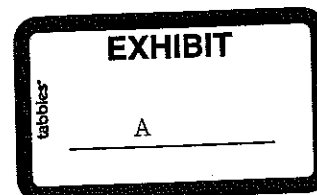
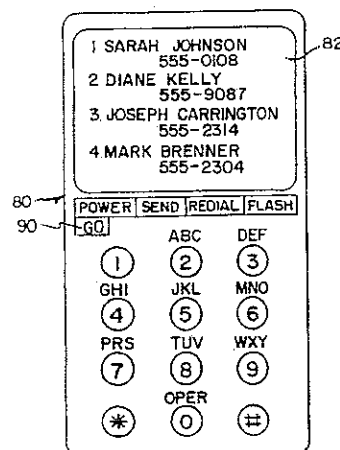
Assistant Examiner—Fan Tsang

Attorney, Agent, or Firm—Darby & Darby, P.C.

[57]

**ABSTRACT**

A telephone answering device (TAD) which includes a means of intelligently organizing voice messages, associated entered codes such as personal IDs and home telephone numbers, and information stored in the memory of the TAD. These codes or numbers are decoded by means of the caller entering DTMF signals into the telephone which are recognized, recorded and processed by the TAD. When processed with codes and personal information previously entered into the device's memory, the TAD displays the identity of the callers for each message, thus providing a menu of choices, i.e., a list of callers. This enables the user to access messages in a selective manner based on the identity of the caller. The need to listen to the actual voice messages to determine the caller's identity and the need to listen to the messages sequentially or chronologically is obviated, saving both time and effort. Additionally, because the voice message is also linked to pre-stored additional data in the data base, when hearing a message, one also can view relevant associated information, such as a fax number, etc., that might not have been left in the audio message but might be important. A remote access device is also provided that allows the user to retrieve and display the callers' identities and select a message to be played back from a remote location.

**21 Claims, 13 Drawing Sheets**

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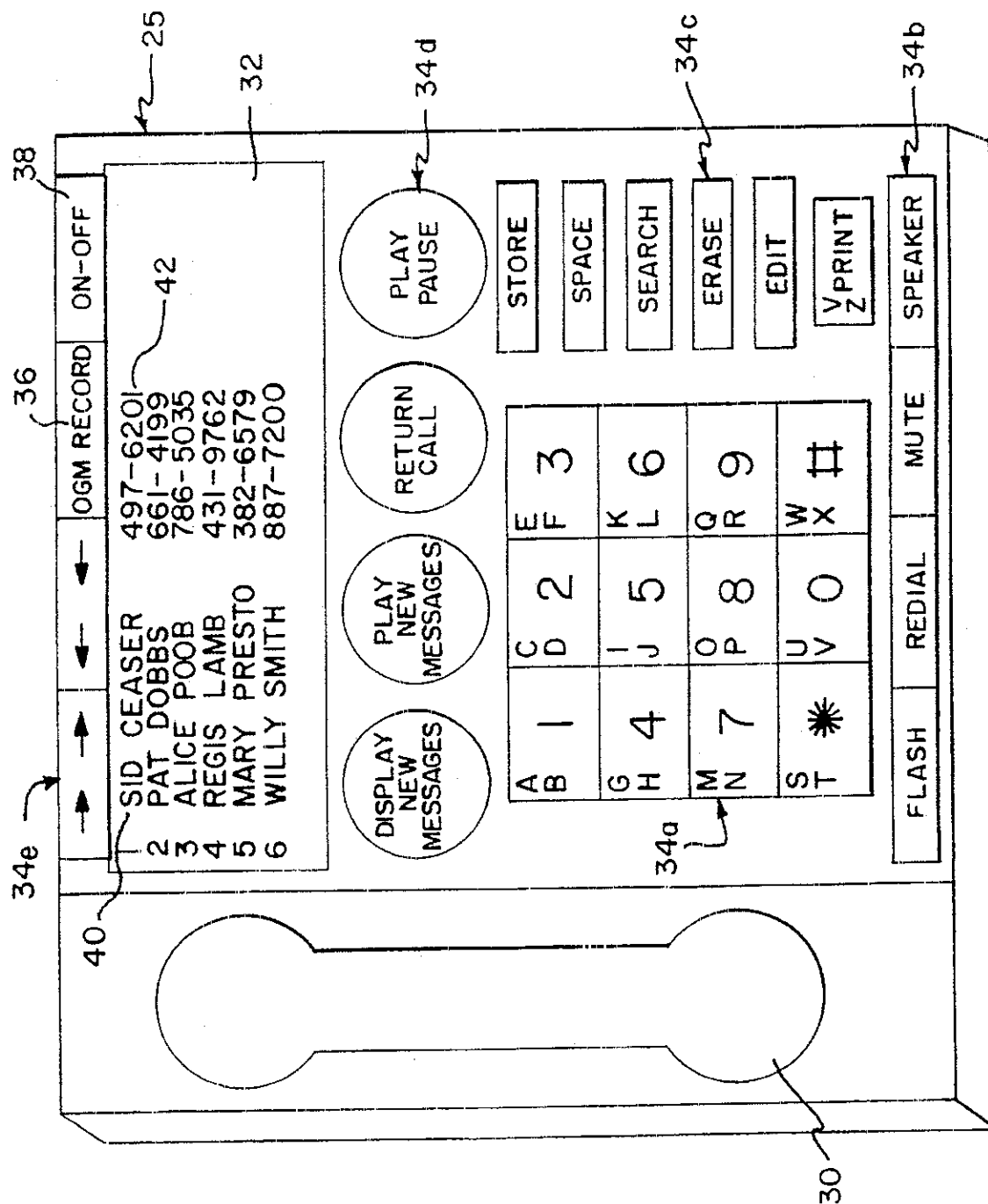
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FIG. 1

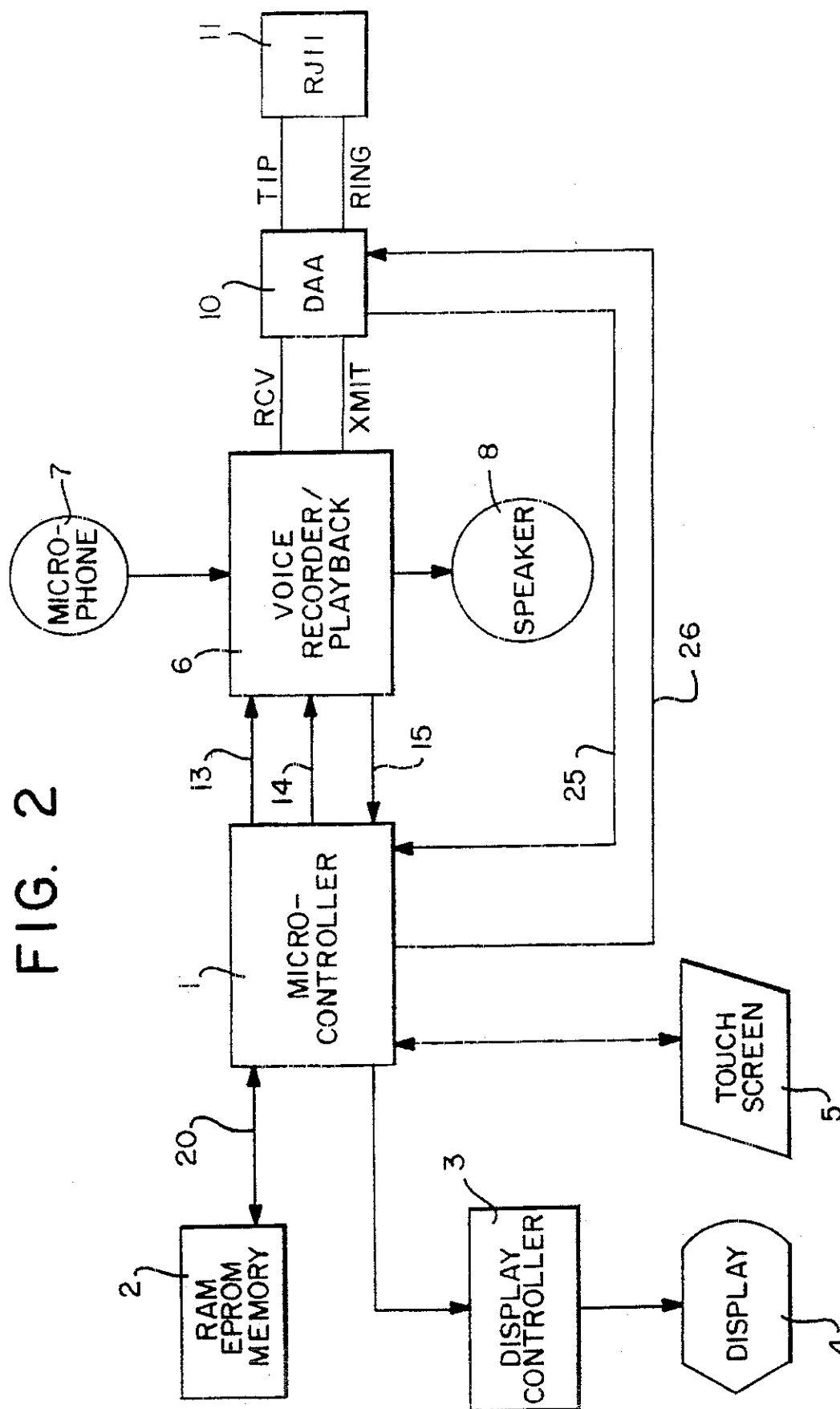


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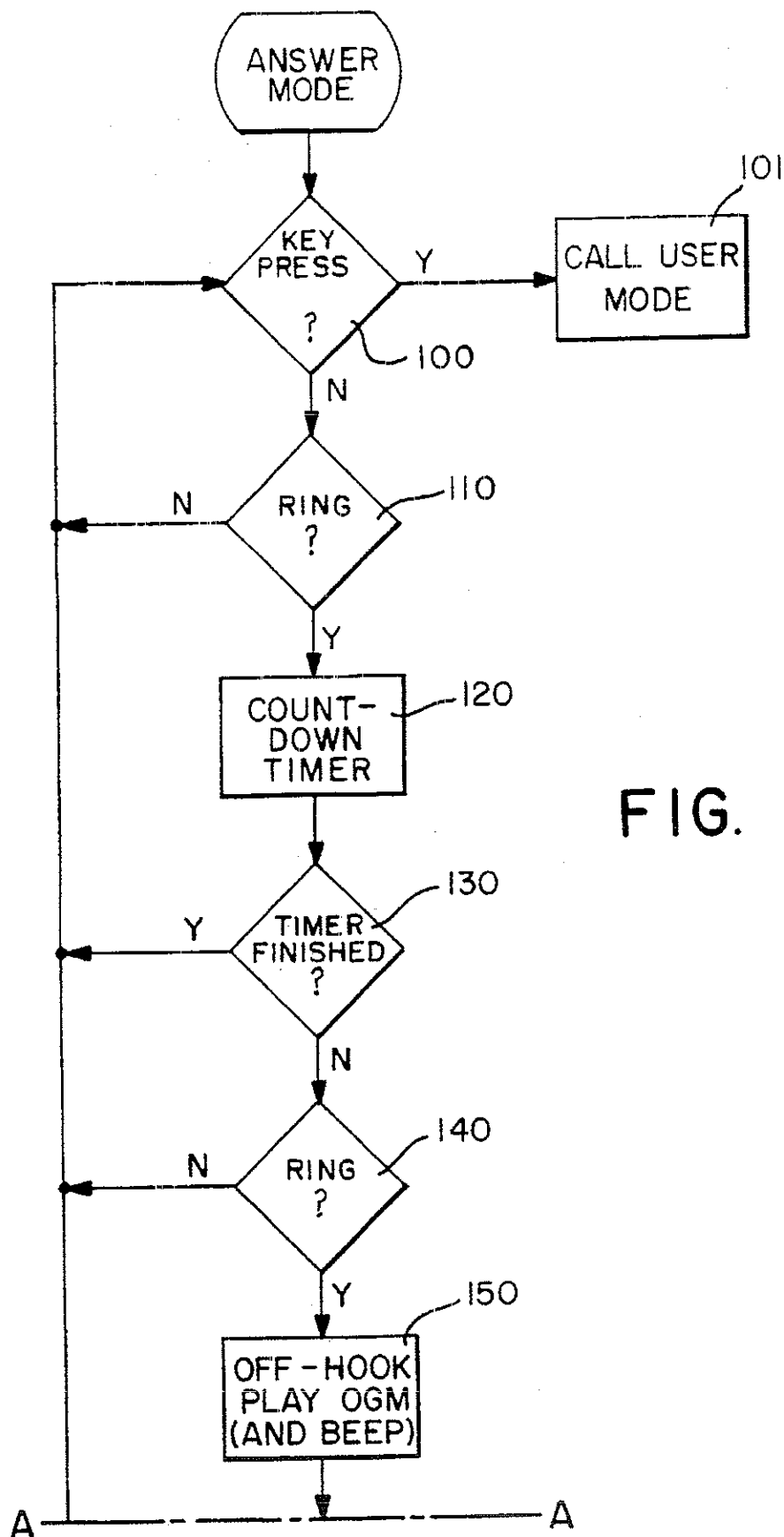


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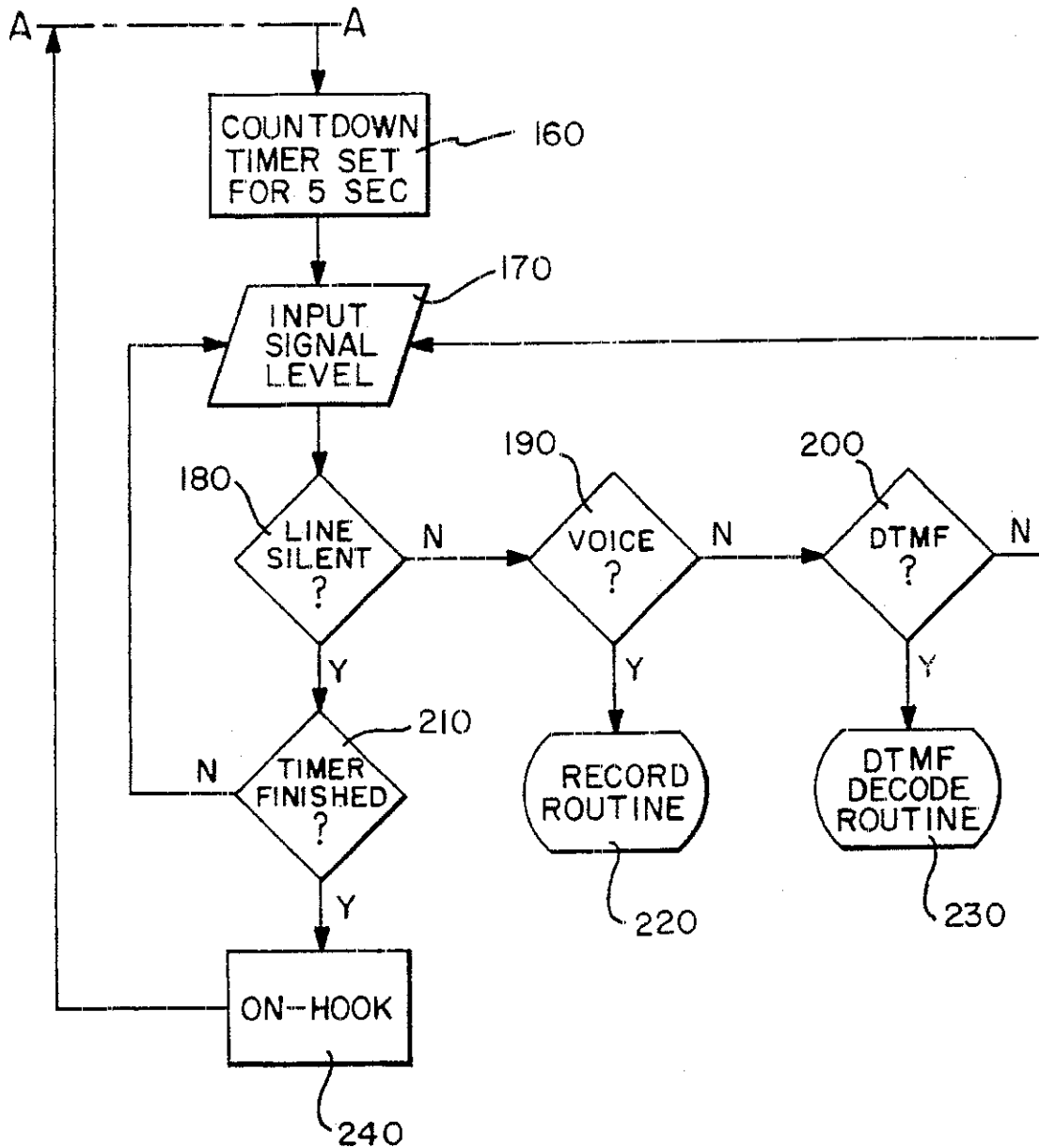
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FIG. 3B



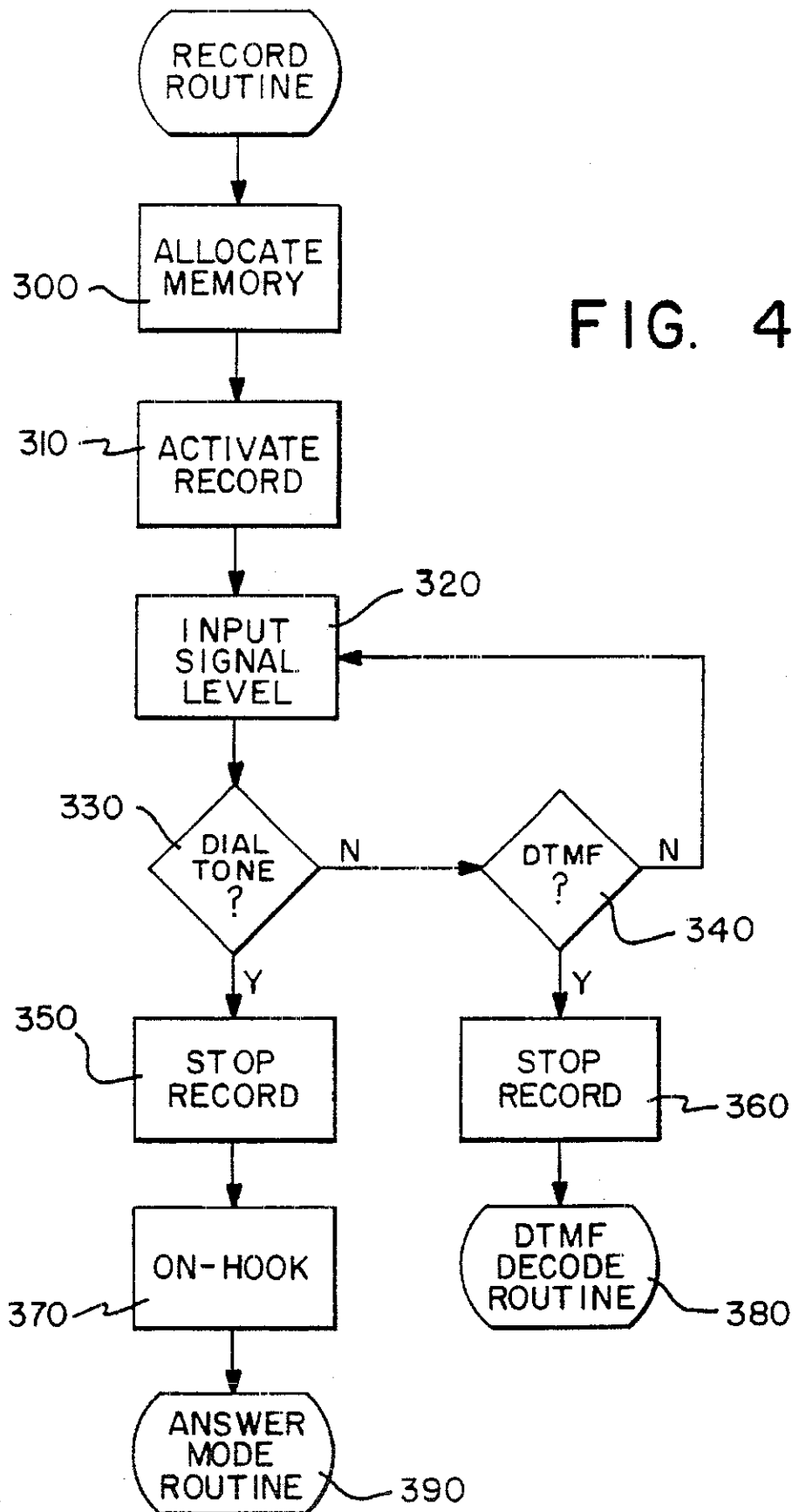
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FIG. 4

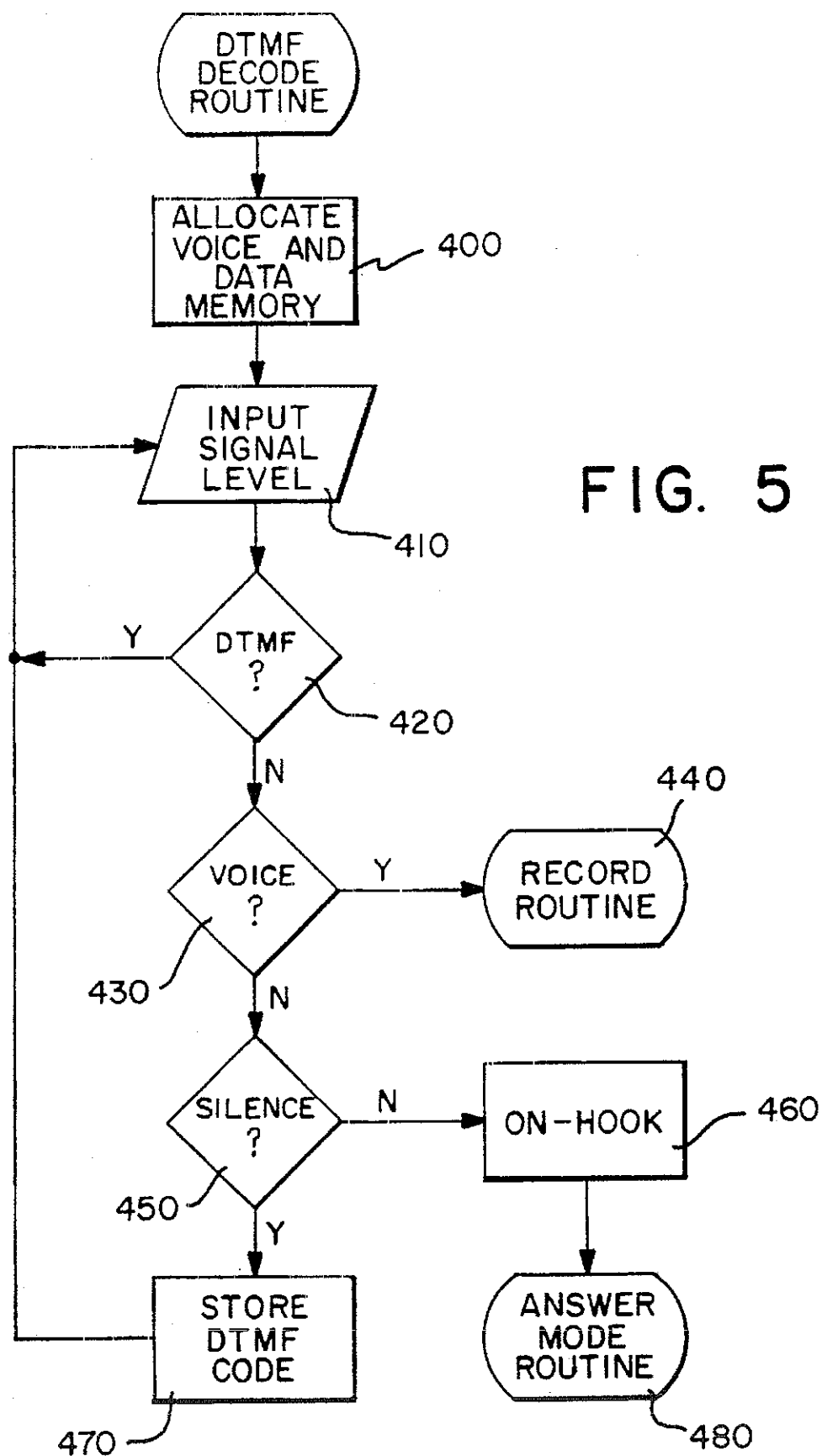


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FIG. 6

## MEMORY SECTION 1

1. THORNTON ALUCKET-  
417-6832(H), 371-6288(O), 230  
WEST RD., FAIRVIEW CITY,  
VICE PRESIDENT RLB CORP.  
2. SID CEASER - 497-6201(H)  
331-2677(P), ROCKWELL  
DRIVE #34, PISTON LAKES,  
BIRTHDAY 11/17/16  
3. PAT DOBBS - 661-4199(O)  
817-3121(H)  
4. LUCY FROCK - 637-4064(H),  
12 E9ST. N.Y.C., 229-8019(F)  
5. FRAN GRILLARD - 729-6555  
(H), 219-8663(O), 919-3342(F), 407  
NEWTON LANE, PIANO TUNER  
6. REGIS LAMB - 431-9762(H),  
211-0162(M), 431-2400(O),  
684-3199(F), 34 E.6 ST.

FIG. 7

## MEMORY SECTION 2

497-6201 (2)  
661-4199 (3)  
786-5035 (4)  
431-9762 (5)

FIG. 8

## MEMORY SECTION 3

1. "PLEASE DIAL IN YOUR  
PHONE NUMBER ON A TOUCH  
TONE PHONE AND THEN  
LEAVE A MESSAGE. THANK  
YOU."  
2. "HI, THIS IS SID. PLEASE  
BRING THE YELLOW  
BALLOONS WHEN YOU COME  
OVER TONIGHT."  
3. "MS. DOBBS HERE. I'LL BE  
IN MY OFFICE TILL 5:30,  
THEN AT HOME."  
4. "YOUR FRIEND ALICE, SEE  
YOU LATER TONIGHT."  
5. "THIS IS MR. LAMB. I'LL BE  
IN MY CAR UNTIL ABOUT  
4:00 P.M."

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## FIG. 9

1. SID CEASER - 497-6201
2. PAT DOBBS - 661-4199
3. ALICE POOB - 786-5035
4. REGIS LAMB - 431-9762
5. MARY PRESTO - 382-6579
6. WILLY SMITH - 887-7200

## FIG. 10

REGIS LAMB  
HOME # 431-9762  
MOBILE # 211-0162  
OFFICE # 431-2400  
FAX # 684-3199  
34 E. 6 ST.

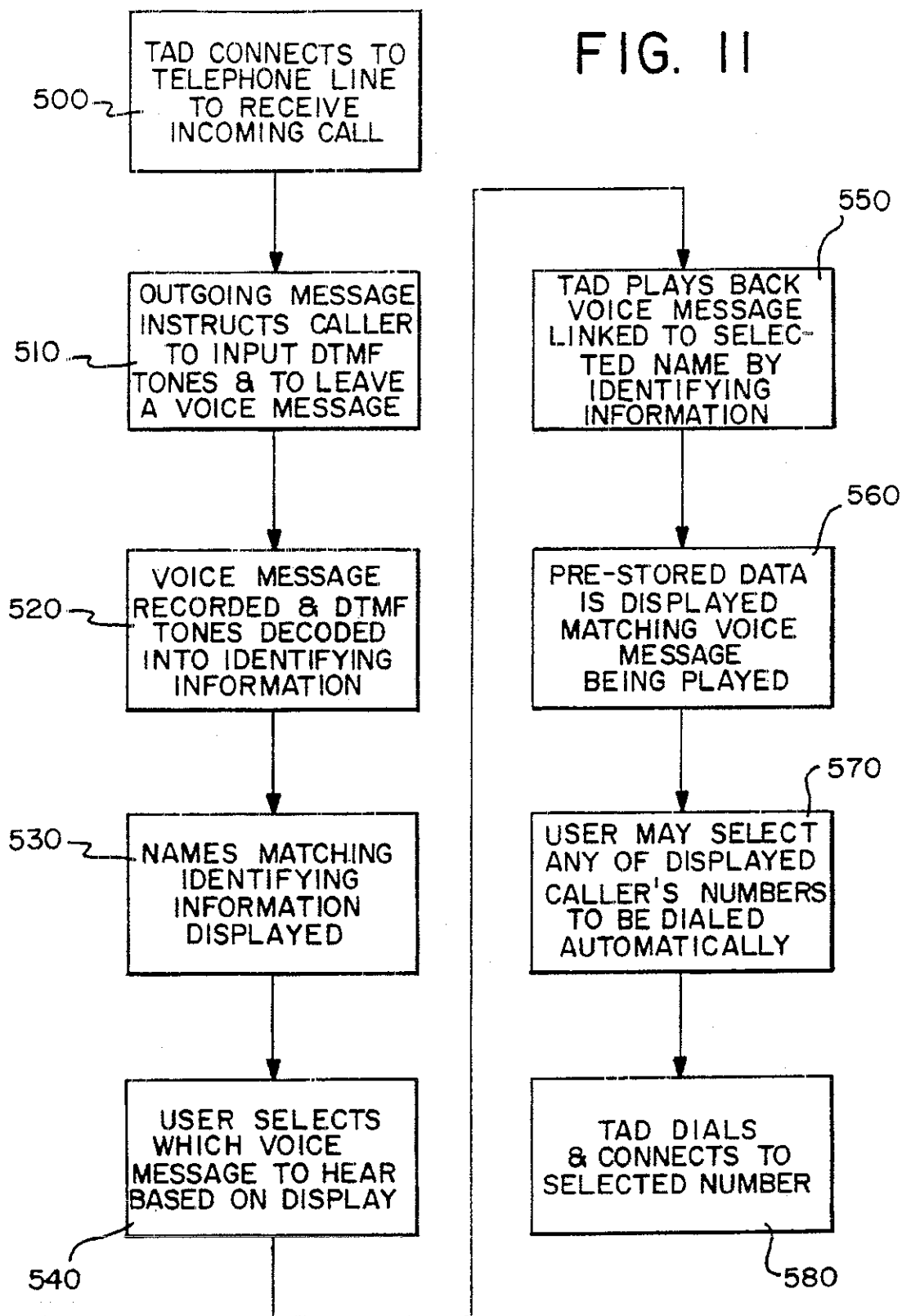
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FIG. II



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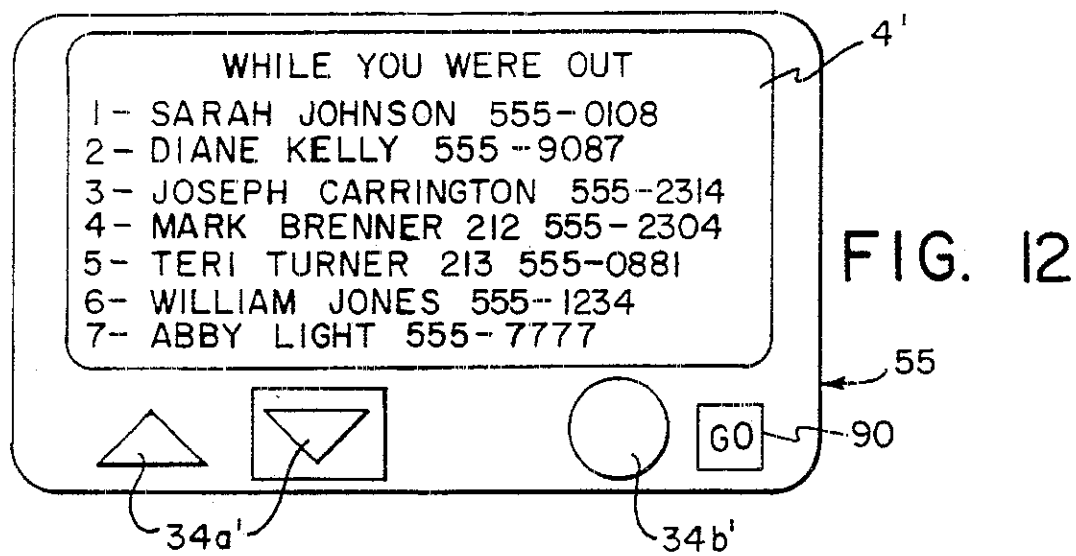
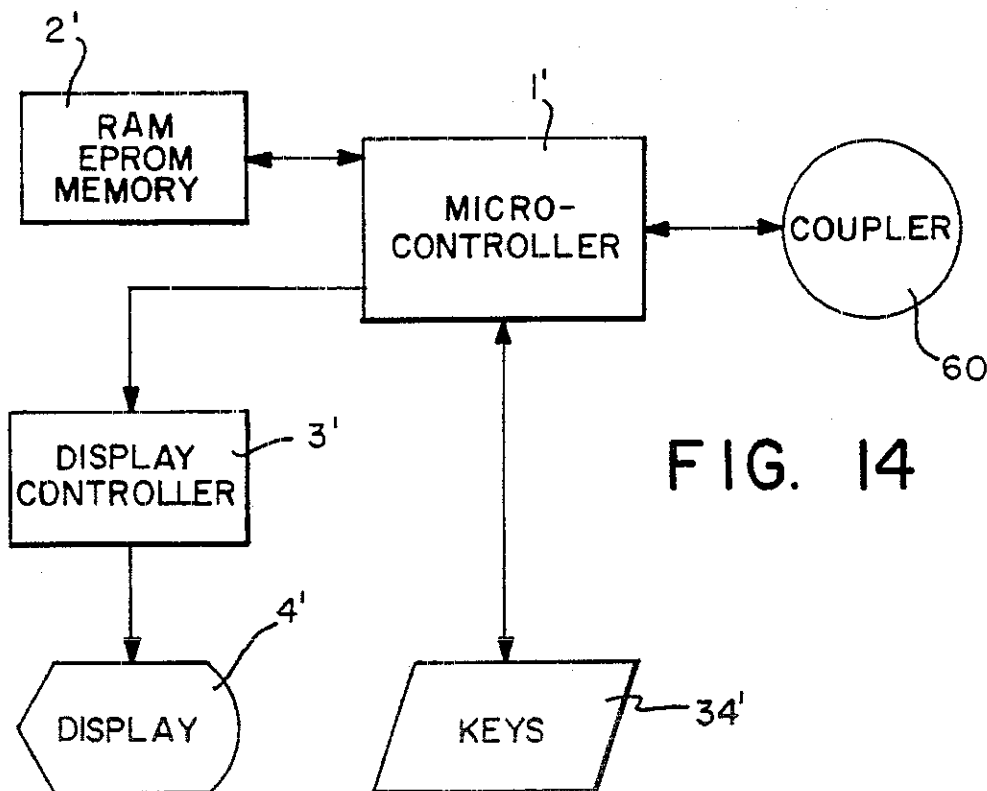
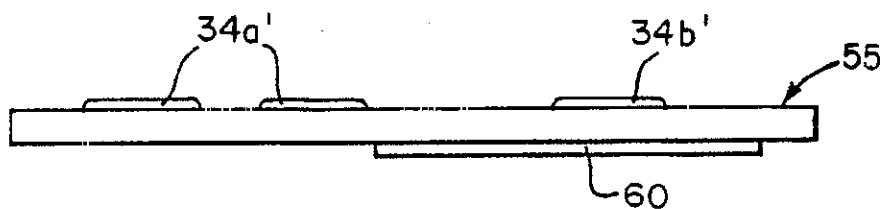


FIG. 13



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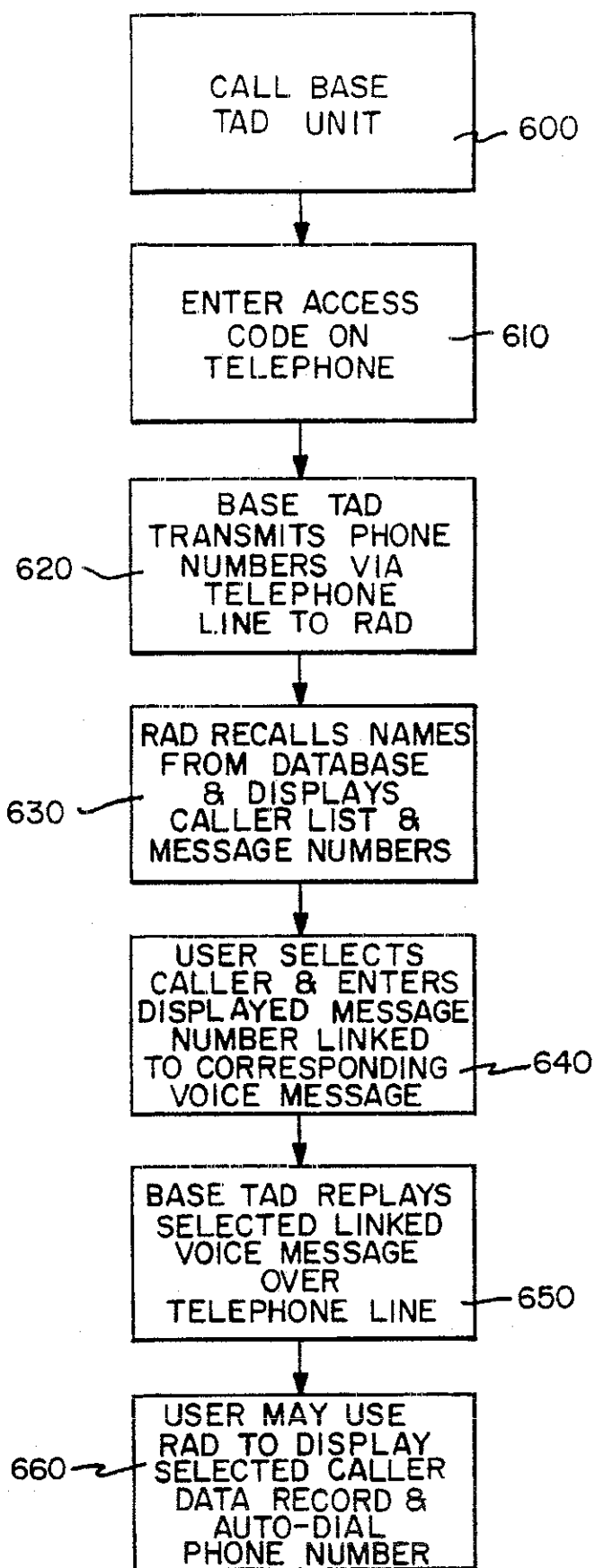


FIG. 15

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FIG. 16

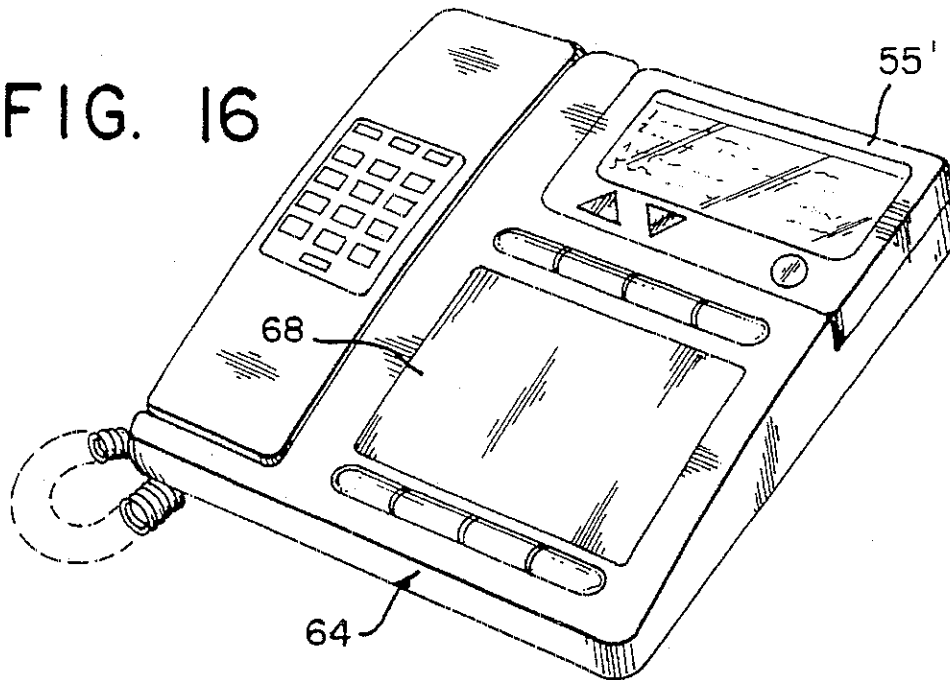
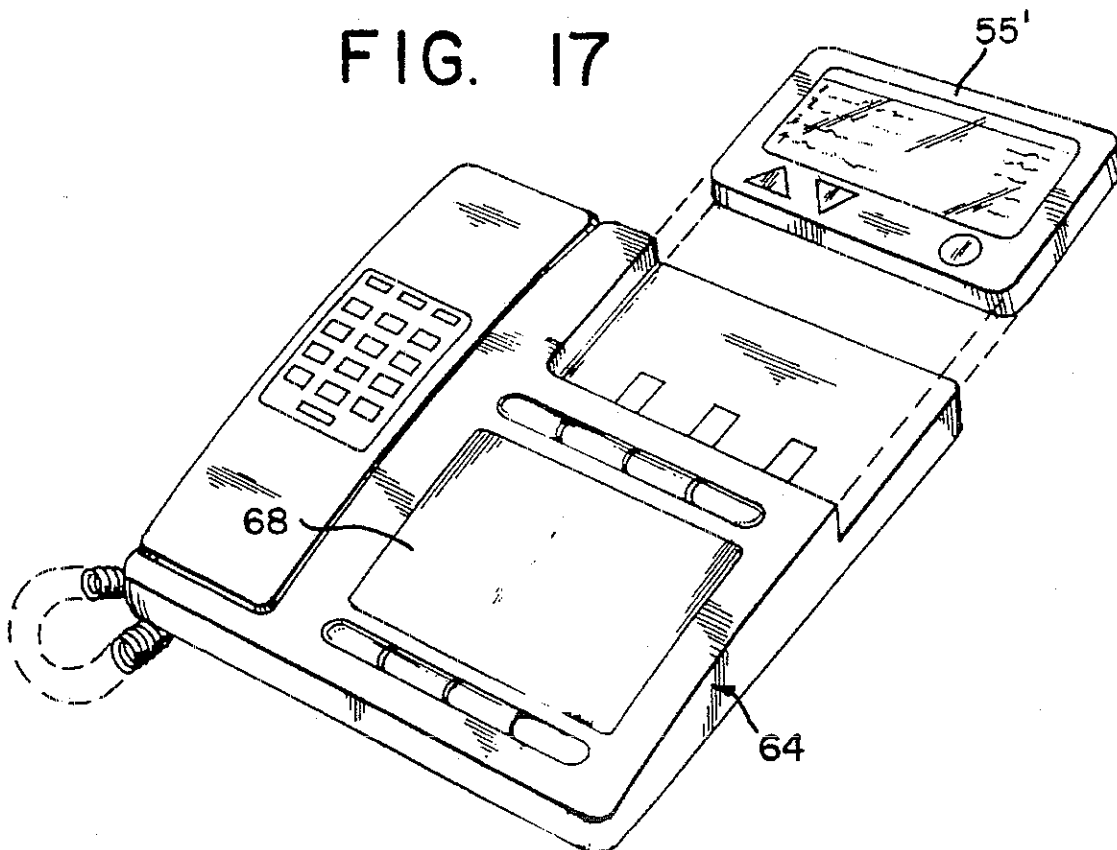


FIG. 17



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FIG. 19

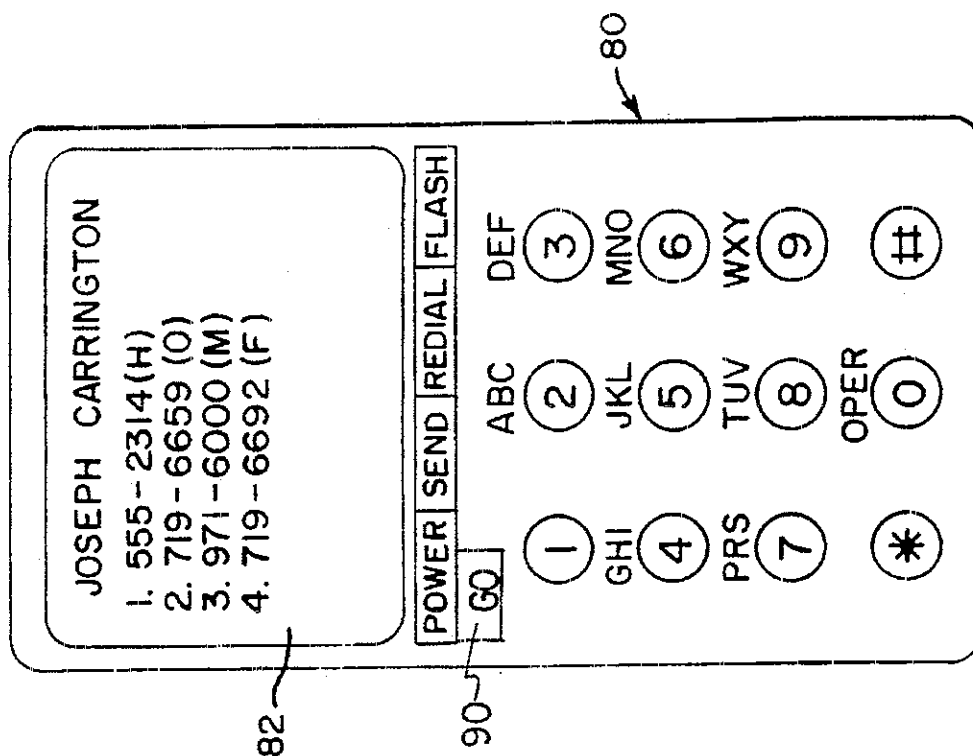


FIG. 18

